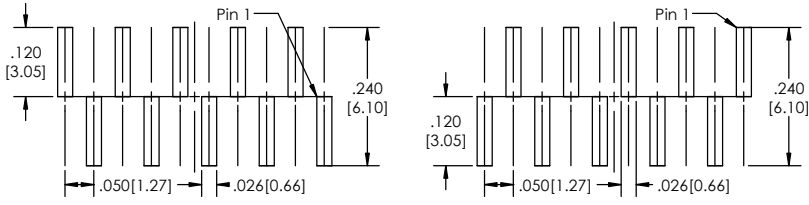
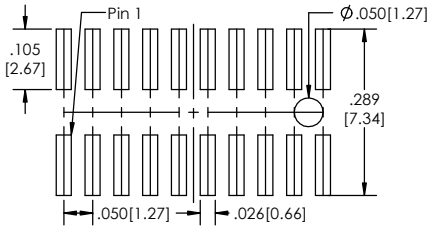


**Recommended P.C. Board Layout**  
SCALE 6:1

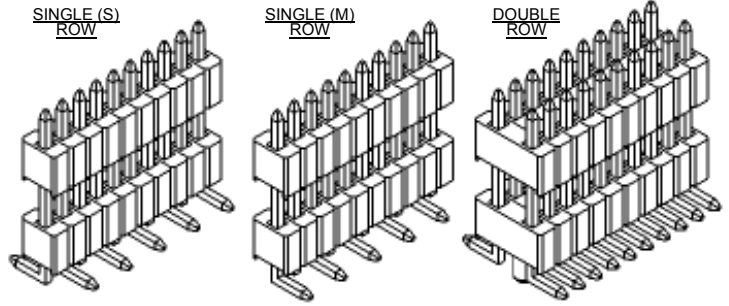
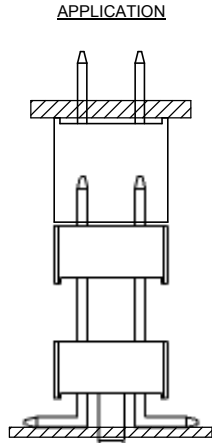


**SINGLE (S)**

**SINGLE (M)**



**DOUBLE**



BSTCM-6 **XX** - **X** - **XXX** - **XX** - **XX** - **XXX** - **XXX** - **X** - **XX** - **X** - **XX** - **LF**  
**(A)** **(B)** **(C)** **(D)** **(E)** **(F)** **(G)** **(H)** **(I)** **(J)** **(K)** **(L)**

- A. Pins Per Row
  - 1 through 40
- B. Row Specification
  - S= Single Row
  - D= Double Row
- C. Desired Post Height
  - Please specify
  - e.g. .200[5.08]= 200
  - If left blank: Post = Overall Length - Board Space
- D. Pin Options
  - See Pin Options below
- E. Plating Options
  - See Plating Options below
- F. Desired Board Space
  - Please Specify required space
  - e.g. .200[5.08]= 200
- G. Polarized Position
  - Leave blank if not needed
  - If required, specify empty pin position
  - e.g. 012 for Pin 12
- H. Footprint ( Option only available for single row)
  - S= pin 1 left
  - M= pin 1 right
- I. Packing Information
  - TR= Tape and Reel
  - TB= Tube
- J. Pad
  - P= Plastic
  - O= No Pad
  - If left blank, packaging at MLE's discretion
  - Pad may be metal, mylar or plastic
- K. Alignment Pin Option (Only for Double Row)
  - AP= With
  - Leave blank if not needed
- L. Lead Free

Mates with:  
LSSH  
SMSS  
SSHS

Specifications:  
 Current Rating: 1.0 Ampere  
 Insulation Resistance: 1000M Ohms Min.  
 Dielectric Withstanding: 300V AC  
 Contact Resistance: 20M Ohms Max.  
 Operation Temperature: -40°C to +105°C  
 Max. Process Temperature  
 Peak: 260°C up to 10 secs.  
 Process: 230°C up to 60 secs.  
 Wave: 260°C up to 6 secs.  
 Reflow: 260°C up to 10 secs.  
 Manual Solder: 350°C up to 5 secs.

Materials:  
 Contact Material: Phosphor Bronze  
 Insulator Material: Nylon 6T  
 Plating: Au or Sn over 50µ" (1.27) Ni

| Pin Options    |         |    |
|----------------|---------|----|
| Overall Length |         |    |
| .330           | 8.38mm  | 04 |
| .385           | 9.78mm  | 06 |
| .435           | 11.05mm | 08 |
| .490           | 12.45mm | 10 |
| .505           | 12.83mm | 12 |
| .530           | 13.46mm | 14 |
| .585           | 14.86mm | 16 |
| .615           | 15.62mm | 18 |
| .685           | 17.40mm | 20 |
| .725           | 18.42mm | 22 |
| .785           | 19.94mm | 24 |
| .840           | 21.34mm | 28 |

Post + Board Space must not exceed Overall Length

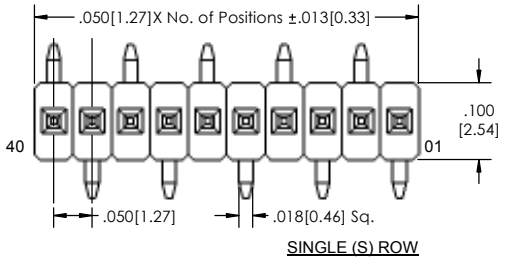
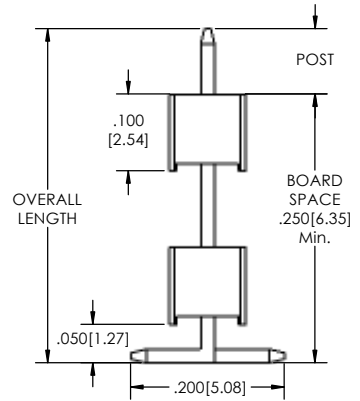
| Plating options |   |
|-----------------|---|
| G               | -10µ Gold on Contact Area/ Flash on Tail        |
| T               | -Matte Tin all Over                             |
| GT              | -10µ Gold on Contact Area/ Matte Tin on Tail    |
| H               | -30µ Gold on Contact Area/ Matte Tin on Tail    |
| F               | -Gold Flash over Entire Pin                     |
| FT              | - Gold Flash on Contact Area/ Matte Tin on Tail |

Tails may be clipped to achieve specific dimensions.  
 Products cut to specific sizes are uncancelable/ nonreturnable.  
 Parts are subject to change without notice.

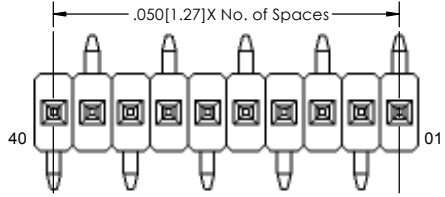
|                             |                      |           |  |              |          |
|-----------------------------|----------------------|-----------|--|--------------|----------|
| UNLESS OTHERWISE SPECIFIED: |                      | NAME      | DATE   |              |          |
| DIMENSIONS ARE IN INCHES    |                      | DRAWN     | EOW  |              | 02/12/14 |
| TOLERANCES:                 |                      | CHECKED   | GWE  |              | 02/12/14 |
| ONE DECIMALS ±.100          |                      | ENG APPR. |  |              |          |
| TWO DECIMAL ±.010           |                      | MFG APPR. |  |              |          |
| THREE DECIMAL ±.005         |                      | ADDRESS:  | 2533 Centennial Blvd.<br>Jeffersonville, IN 47130<br>Phone: 812-670-4174<br>Fax: 812-670-4175<br>E-Mail: mle@mlelectronics.com |              |          |
| FOUR DECIMAL ±.002          |                      | TITLE:    | BSTCM-6 SERIES   |              |          |
| NEXT ASSY                   | USED ON              | FINISH    | SIZE   | DWG. NO.     |          |
| APPLICATION                 | DO NOT SCALE DRAWING |           | <b>C</b>   | <b>B</b>     |          |
|                             |                      |           | SCALE 6:1  | SHEET 1 OF 1 |          |

**ROHS COMPLIANT**

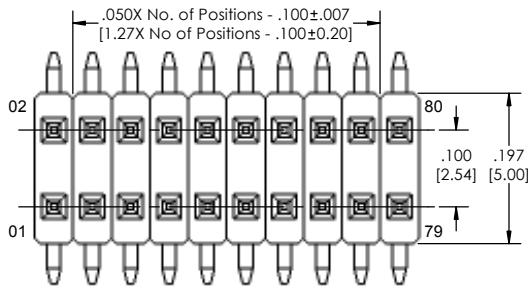
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**SINGLE (S) ROW**



**SINGLE (M) ROW**



**DOUBLE ROW**

